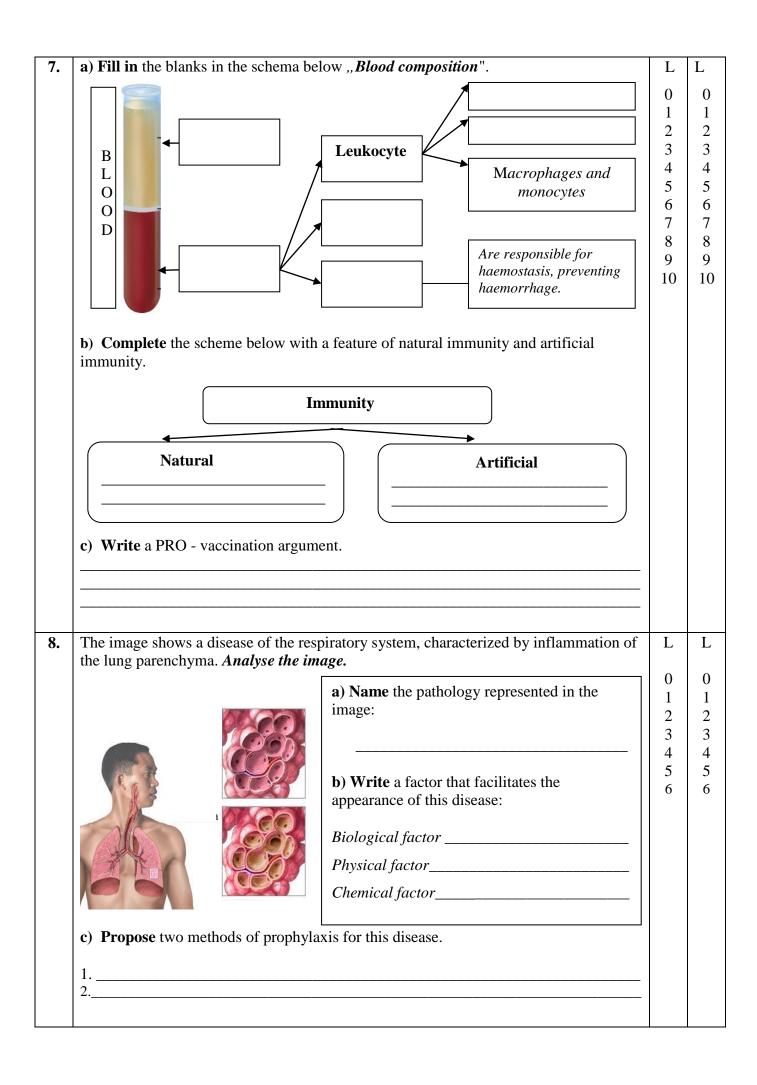


2.	Analyse the image "The life cycle of viru		L	L
	a) Complete the diagram below with the		0	
	a) Complete the diagram below with the value of the diagram below with the value of va	virus multiplication steps. VIRUS ADN Viral 4	0 1 2 3 4	0 1 2 3 4
	5.			
	b) Write the name of the viruses that kill b	bacteria cells.		
3.		ens are indicated, while column B shows	L	L
	corresponding numbers from column B . The	ice. Write in the provided space A the numbers can be used only once.	0	0
		, n	1	1
	A	B 1. Smallpox (în română Variola);	2 3	2 3
		2. Tuberculosis;	4	4
	Bacteria	- 3. Herpes;	5 6	5 6
			7	7
	Viruses	4. Cholera;	8	8
		5. Dysentery;		
		6. Measles (în română Rujeola);		
		7. Warts (în română Negii).		
	b) Name an evolutionary feature of bacter	ia compared to viruses.		
		_		
	Vital syste	ems and processes		
4.	Write in the space provided essence of the		L	L
	Inspiration-		0	0
			1	1
	Immunity-		2 3 4	2 3 4
				1

5.	Analyse the image below.	L	L
	a) Write the name of the organ system represented in the image belongs. b) Indicate 6 structures for the identified system (optional). C) Note a function of the structure indicated in the image by the number: 3	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9
6.	a) Fill in the blanks with the names of the anatomical structures to reflect the small blood circulation (pulmonary circulation). 1. 3. 4. Pulmonary veins b) Name the type of blood flowing through the pulmonary veins. c) Write the name of the blood protein that participates in the transport of oxygen.	L 0 1 2 3 4 5 6	L 0 1 2 3 4 5 6



9. a) Write the definitions for the following terms: Replication	L 0	L 0
	_	0
	_	·
Chromosome =	1	1
	2 3	3
Cell division Direct division Characteristics: 1. Chromosome spiraling does not occur. 2	3 4 5 6 7 8 9	3 4 5 6 7 8 9
10. The karyotype of a sick person is shown in the image. <i>Analyse the image</i> .	L	L
I. Underline the correct answers in the statements below. a) The picture represents the: Turner; Klinefelter; Down Syndrome. b) Disease is: a monosomy, a trisomy. c) The condition is: autosomal, heterosomal. d) The mutation is: structural, numeric. II. Name two clinical features of the syndrome identified in the image above. 1	0 1 2 3 4 5 6	0 1 2 3 4 5 6

	marries a right-handed healthy female (heterozygous for both traits). Determine the probability of having healthy right-handed boys in this family (taking into consideration only the number of boys).	3 4 5 6 7 8 9	2 3 4 5 6 7 8 9 10 11
	Ecology and environmental protection		
	Write in the provided space the definitions for the following terms:	L	L
12.		1	

